

APPENDIX A

Claims Involved in the Appeal of Application Serial No. 10/560,732

1. A blown film consisting of one or more foamed polyolefin sheets wherein at least one foamed polyolefin sheet is 3 to 8 mils thick and has an MD tear strength of at least 150 g/mil wherein the sheet is made from a blend comprising 10-90 percent by weight LLDPE and 90-10 percent LDPE and wherein the LLDPE has a density in the range of 0.900 to 0.930 g/cc and an MI in the range of from 2 to 6 g/10min; wherein the at least one foamed polyolefin sheet has a density reduction of from 10 to 50 percent compared to a non foamed sheet of the same composition.
2. The film of claim 1 wherein the sheet is about 3 mils (75 microns) thick.
3. The film of Claim 1 wherein the MD tear strength is greater than 350 gr/mil.
4. The film of Claim 1 wherein the oxygen vapor transmission is 2.18 gr.mil/100 in.sq*24 hr.
5. The film of Claim 1 wherein the water vapor transmission is 270 cc.mil/100 in.sq*24 hr.
6. The film of claim 1 wherein the sheet has a density reduction of at least 20 percent compared to a non foamed sheet of the same composition.
7. cancelled.
8. The film of Claim 1 wherein the blend comprises from 50 percent to 90 percent by weight of LLDPE.
9. The film of Claim 1 wherein the blend comprises about 70 percent by weight LLDPE.
10. cancelled.
11. The film of Claim 1 wherein the LDPE has a density in the range of 0.917 g/cc to 0.923 g/cc and an MI in the range of 0.2 to 6 g/10min.
12. The film of Claim 1 wherein the sheet has been made using a land length to die gap ratio of less than 25.

13. The film of Claim 1 wherein the sheet has been made using a blow up ratio of from about 2.2 to about 4.0.
14. The film of Claim 1 wherein the polyolefin has no crosslinking.
15. (withdrawn) In a process for producing a thin foamed sheet 3 to 8 mils thick wherein a polymeric material is foamed and melt blown, the improvement comprising selecting as the polymeric material a blend comprising 10-90 percent by weight of an LLDPE having a density in the range of 0.90 to 0.930 and an MI in the range of 2 and 6, and 90-10 percent of an LDPE which has a density in the range of 0.917 to 0.923 and an MI in the range of 0.2 and 6, wherein the thin foam sheet has an MD tear strength of at least 150 gr/mil.
16. (withdrawn) The process of Claim 15 wherein when the film has a thickness of from 3 to 8 mils it has an MD tear strength of greater than 250 grams/mil and when the film has a thickness of less than 3 mils, then it has an MD tear strength of greater than about 75 grams/mil.
17. A blown film consisting of one or more foamed polyolefin sheets wherein at least one foamed polyolefin sheet is less than 3 mils thick and has an MD tear strength of at least 50 g/mil, wherein the sheet is made from a blend comprising 10-90 percent by weight LLDPE and 90-10 percent LDPE and wherein the LLDPE has a density in the range of 0.900 to 0.930 g/cc and an MI in the range of from 2 to 6 g/10 min; wherein the at least one foamed polyolefin sheet has a density reduction of from 10 to 50 percent compared to a non foamed sheet of the same composition.
18. The film of claim 17 wherein the sheet has a density reduction of at least 20 percent compared to a non foamed sheet of the same composition.
19. cancelled
20. The film of Claim 17 wherein the blend contains about 70 percent LLDPE.
21. The film of Claim 17 wherein the sheet has been made using a land length to die gap ratio of less than 25.
22. The film of Claim 17 wherein the sheet has been made using a blow up ratio of from about 2.2 to about 4.0.

23. (withdrawn) A consumer trash bag, grocery bag, produce bag, pallet wrap, food wrap, liner, heavy duty bag, industrial bag, consumer bag, shrink film, label, pouches for FFS packaging, tape, stand-up pouch, lamination film, or protective film comprising the foamed sheet of claim 17.

APPENDIX B

Evidence:

None

APPENDIX C

Related Proceedings:

None